Bruhat Bangalore Mahanagara Palike
Executive Engineer Yelahanka Division

Name of work : Modified Estimate For Restoration and Improvements of Balance roads of Brundhavana layout, Balaji layout, BHEL 1st phase and 2nd phase layout, Lakshmaiahreddy layout, Naidu layout, Jyothinagara 2nd and 3rd phase, Ramanna garden and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-07)

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.								
	For RCC Drain								
	G Ramayya Layout (Dhanush Enclave Oppo Road)	2	71.00	1.10	1.00	156.20			
	G Ramayya Layout (Kallam Kutira House Rd)	2	69.00	1.10	1.00	151.80			
	Sri Muneshwara Layout (1st Cross)	2	127.00	1.10	1.00	279.40			
	Sri Muneshwara Layout (2nd Cross)	2	127.50	1.10	1.00	280.50			
	Sri Muneshwara Layout (3rd Cross)	2	152.50	1.10	1.00	335.50			
	Sri Muneshwara Layout (4th Cross)	2	119.00	1.10	1.00	261.80			
	Sri Muneshwara Layout (5th Cross)	2	46.00	1.10	1.00	101.20			
	Sri Muneshwara Layout (6th Cross)	2	68.00	1.10	1.00	149.60			
	Sri Muneshwara Layout (2nd A Cross)	2	105.00	1.10	1.00	231.00			
	Sri Muneshwara Layout (2nd A Cross) Sub Road	2	44.50	1.10	1.00	97.90			
	Shamarajapura (1st cross Rd)	2	206.50	1.10	1.00	454.30			
	Shamarajapura (2nd cross Rd)	2	187.50	1.10	1.00	412.50			
	Shamarajapura (3rd cross Rd)	2	195.00	1.10	1.00	429.00			
	Shamarajapura (4th cross Rd)	2	180.00	1.10	1.00	396.00			
	Shamarajapura (6th cross Rd)	2	180.00	1.10	1.00	396.00			
	Shamarajapura (7th cross Rd)	2	195.00	1.10	1.00	429.00			
	BHEL Layout (Doddabettahalli) RHS	1	78.00	1.10	1.00	85.80			
	Jyothinagar RHS	1	105.00	1.10	1.00	115.50			
	Jyothinagar LHS	1	100.00	1.10	0.15	16.50			
	Lakshmi enclave RHS	1	55.00	1.10	1.00	60.50			
	Shamarajapura (5th cross Rd)	2	192.00	1.10	1.00	422.40			

	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Adithya Nagar Near Vinayaka Hills	2	193.00	1.10	1.00	424.60			
	Subbu Bekary Road RHS	1	180.00	1.10	1.10	217.80			
	6th Cross Road SFS 407 RHS	1	208.00	1.10	1.10	251.68			
	For RCC Culvert								
	Best county-II	2	7.00	1.50	1.00	21.00			
	Shamarajapura (1st cross Rd)	1	7.00	1.50	1.00	10.50			
	Shamarajapura (2nd cross Rd)	1	7.00	1.50	1.00	10.50			
	Shamarajapura (7th cross Rd)	1	7.00	1.50	1.00	10.50			
	Jyothinagar	1	7.00	1.50	1.00	10.50			
	Doddabettahalli , Near Sai Nagara	1	9.50	2.00	1.00	19.00			
		1	12.00	2.00	1.00	24.00			
		1	15.00	2.00	1.00	30.00			
						6292.48	**Cum**	**217.43**	**1368191.55**
	Approved Rate		**217.43**						
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications.								
	For RCC Drain								
	G Ramayya Layout (Dhanush Enclave Oppo Road)	2	71.00	1.10	0.15	23.43			
	G Ramayya Layout (Kallam Kutira House Rd)	2	69.00	1.10	0.15	22.77			
	Sri Muneshwara Layout (1st Cross)	2	127.00	1.10	0.15	41.91			
	Sri Muneshwara Layout (2nd Cross)	2	127.50	1.10	0.15	42.08			
	Sri Muneshwara Layout (3rd Cross)	2	152.50	1.10	0.15	50.33			
	Sri Muneshwara Layout (4th Cross)	2	119.00	1.10	0.15	39.27			
	Sri Muneshwara Layout (5th Cross)	2	46.00	1.10	0.15	15.18			
	Sri Muneshwara Layout (6th Cross)	2	68.00	1.10	0.15	22.44			
	Sri Muneshwara Layout (2nd A Cross)	2	105.00	1.10	0.15	34.65			
	Sri Muneshwara Layout (2nd A Cross) Sub Road	2	44.50	1.10	0.15	14.69			
	Shamarajapura (1st cross Rd)	2	206.50	1.10	0.15	68.15			

m	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Shamarajapura (2nd cross Rd)	2	187.50	1.10	0.15	61.88			
	Shamarajapura (3rd cross Rd)	2	195.00	1.10	0.15	64.35			
	Shamarajapura (4th cross Rd)	2	180.00	1.10	0.15	59.40			
	Shamarajapura (6th cross Rd)	2	180.00	1.10	0.15	59.40			
	Shamarajapura (7th cross Rd)	2	195.00	1.10	0.15	64.35			
	BHEL Layout (Doddabettahalli) RHS	1	78.00	1.10	0.15	12.87			
	Jyothinagar RHS	1	105.00	1.10	0.15	17.33			
	Jyothinagar LHS	1	100.00	1.10	0.15	16.50			
	Lakshmi enclave RHS	1	55.00	1.10	0.15	9.08			
	Shamarajapura (5th cross Rd)	2	192.00	1.10	0.15	63.36			
	Adithya Nagar Near Vinayaka Hills	2	193.00	1.10	0.15	63.69			
	Subbu Bekary Road RHS	1	180.00	1.10	0.15	29.70			
	6th Cross Road SFS 407 RHS	1	208.00	1.10	0.15	34.32			
	For RCC Culvert								
	Best county-II	2	7.00	1.50	1.00	21.00			
	Shamarajapura (1st cross Rd)	1	7.00	1.50	1.00	10.50			
	Shamarajapura (2nd cross Rd)	1	7.00	1.50	1.00	10.50			
	Shamarajapura (7th cross Rd)	1	7.00	1.50	1.00	10.50			
	Jyothinagar	1	7.00	1.50	1.00	10.50			
	Doddabettahalli , Near Sai Nagara	1	9.50	2.00	0.15	2.85			
		1	12.00	2.00	0.14	3.36			
		1	15.00	2.00	0.14	4.20			
	Deduct oversight depth of Culvert PCC Thickness					-115.50			
						889.01	**Cum**	**5675.99**	**5045981.62**
	Approved Rate		**5675.99**						
3	KSRRB M2200-6. Providing TMT Bars Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in postion, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.								
	Consider 50kg/Cum For Drain	1	1769.81	50.00		90065.50			
	Consider 90kg/Cum For Culvert	1	40.76	90.00		3668.76			
						93734.26	Kg		
						93.73	**Ton**	**80948.07**	**7587606.95**

m	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Approved Rate		80948.07						
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification.								
	For RCC Drain Raft								
	G Ramayya Layout (Dhanush Enclave Oppo Road)	2	71.00	0.90	0.15	19.17			
	G Ramayya Layout (Kallam Kutira House Rd)	2	69.00	0.90	0.15	18.63			
	Sri Muneshwara Layout (1st Cross)	2	127.00	0.90	0.15	34.29			
	Sri Muneshwara Layout (2nd Cross)	2	127.50	0.90	0.15	34.43			
	Sri Muneshwara Layout (3rd Cross)	2	152.50	0.90	0.15	41.18			
	Sri Muneshwara Layout (4th Cross)	2	119.00	0.90	0.15	32.13			
	Sri Muneshwara Layout (5th Cross)	2	46.00	0.90	0.15	12.42			
	Sri Muneshwara Layout (6th Cross)	2	68.00	0.90	0.15	18.36			
	Sri Muneshwara Layout (2nd A Cross)	2	105.00	0.90	0.15	28.35			
	Sri Muneshwara Layout (2nd A Cross) Sub Road	2	44.50	0.90	0.15	12.02			
	Shamarajapura (1st cross Rd)	2	206.50	0.90	0.15	55.76			
	Shamarajapura (2nd cross Rd)	2	187.50	0.90	0.15	50.63			
	Shamarajapura (3rd cross Rd)	2	195.00	0.90	0.15	52.65			
	Shamarajapura (4th cross Rd)	2	180.00	0.90	0.15	48.60			
	Shamarajapura (6th cross Rd)	2	180.00	0.90	0.15	48.60			
	Shamarajapura (7th cross Rd)	2	195.00	0.90	0.15	52.65			
	BHEL Layout (Doddabettahalli) RHS	1	78.00	0.90	0.15	10.53			
	Jyothinagar RHS	1	105.00	0.90	0.15	14.18			
	Jyothinagar LHS	1	100.00	0.90	0.15	13.50			
	Lakshmi enclave RHS	1	55.00	0.90	0.15	7.43			
	Shamarajapura (5th cross Rd)	2	192.00	0.90	0.15	51.84			

em	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Adithya Nagar Near Vinayaka Hills	2	193.00	0.90	0.15	52.11			
	Subbu Bekary Road RHS	1	180.00	0.90	0.15	24.30			
	6th Cross Road SFS 407 RHS	1	208.00	0.90	0.15	28.08			
	For RCC Drain Wall								
	G Ramayya Layout (Dhanush Enclave Oppo Road)	4	71.00	0.15	0.60	25.56			
	G Ramayya Layout (Kallam Kutira House Rd)	4	69.00	0.15	0.60	24.84			
	Sri Muneshwara Layout (1st Cross)	4	127.00	0.15	0.60	45.72			
	Sri Muneshwara Layout (2nd Cross)	4	127.50	0.15	0.60	45.90			
	Sri Muneshwara Layout (3rd Cross)	4	152.50	0.15	0.60	54.90			
	Sri Muneshwara Layout (4th Cross)	4	119.00	0.15	0.60	42.84			
	Sri Muneshwara Layout (5th Cross)	4	46.00	0.15	0.60	16.56			
	Sri Muneshwara Layout (6th Cross)	4	68.00	0.15	0.60	24.48			
	Sri Muneshwara Layout (2nd A Cross)	4	105.00	0.15	0.60	37.80			
	Sri Muneshwara Layout (2nd A Cross) Sub Road	4	44.50	0.15	0.60	16.02			
	Shamarajapura (1st cross Rd)	4	206.50	0.15	0.60	74.34			
	Shamarajapura (2nd cross Rd)	4	187.50	0.15	0.60	67.50			
	Shamarajapura (3rd cross Rd)	4	195.00	0.15	0.60	70.20			
	Shamarajapura (4th cross Rd)	4	180.00	0.15	0.60	64.80			
	Shamarajapura (6th cross Rd)	4	180.00	0.15	0.60	64.80			
	Shamarajapura (7th cross Rd)	4	195.00	0.15	0.60	70.20			
	BHEL Layout (Doddabettahalli) RHS	2	78.00	0.15	0.60	14.04			
	Jyothinagar RHS	2	105.00	0.15	0.60	18.90			
	Jyothinagar LHS	2	100.00	0.15	0.60	18.00			
	Lakshmi enclave RHS	2	55.00	0.15	0.60	9.90			
	Shamarajapura (5th cross Rd)	4	192.00	0.15	0.60	69.12			
	Adithya Nagar Near Vinayaka Hills	4	193.00	0.15	0.60	69.48			
	Subbu Bekary Road RHS	2	180.00	0.15	0.60	32.40			

em	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	6th Cross Road SFS 407 RHS	2	208.00	0.15	0.48	29.70			
						1769.81			
	For RCC Culvert Raft								
	Best county-II	2	7.00	1.20	0.20	3.36			
	Shamarajapura (1st cross Rd)	1	7.00	1.20	0.20	1.68			
	Shamarajapura (2nd cross Rd)	1	7.00	1.20	0.20	1.68			
	Shamarajapura (7th cross Rd)	1	7.00	1.20	0.20	1.68			
	Jyothinagar	1	7.00	1.20	0.20	1.68			
	Doddabettahalli , Near Sai Nagara	1	9.50	1.50	0.20	2.85			
		1	12.00	1.50	0.20	3.60			
		1	15.00	1.50	0.20	4.50			
	For RCC Culvert Wall								
	Best county-II	4	7.00	0.23	0.50	3.22			
	Shamarajapura (1st cross Rd)	2	7.00	0.23	0.50	1.61			
	Shamarajapura (2nd cross Rd)	2	7.00	0.23	0.50	1.61			
	Shamarajapura (7th cross Rd)	2	7.00	0.23	0.50	1.61			
	Jyothinagar	2	7.00	0.23	0.50	1.61			
	Doddabettahalli , Near Sai Nagara	2	9.50	0.23	0.60	2.62			
		2	12.00	0.23	0.60	3.31			
		2	15.00	0.23	0.60	4.14			
						40.76			
						1810.57	**Cum**	**7497.22**	**13574251.93**
	Approved Rate		**7497.22**						
5	Providing and Fixing Pre cast covering Slab 100mm thick made out of CC, jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.								
	For RCC Drain Top Covering Slab								
	G Ramayya Layout (Dhanush Enclave Oppo Road)	2	71.00	0.90		127.80			
	G Ramayya Layout (Kallam Kutira House Rd)	2	69.00	0.90		124.20			
	Sri Muneshwara Layout (1st Cross)	2	127.00	0.90		228.60			
	Sri Muneshwara Layout (2nd Cross)	2	127.50	0.90		229.50			
	Sri Muneshwara Layout (3rd Cross)	2	152.50	0.90		274.50			

tem	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Sri Muneshwara Layout (4th Cross)	2	119.00	0.90		214.20			
	Sri Muneshwara Layout (5th Cross)	2	46.00	0.90		82.80			
	Sri Muneshwara Layout (6th Cross)	2	68.00	0.90		122.40			
	Sri Muneshwara Layout (2nd A Cross)	2	105.00	0.90		189.00			
	Sri Muneshwara Layout (2nd A Cross) Sub Road	2	44.50	0.90		80.10			
	Shamarajapura (1st cross Rd)	2	206.50	0.90		371.70			
	Shamarajapura (2nd cross Rd)	2	187.50	0.90		337.50			
	Shamarajapura (3rd cross Rd)	2	195.00	0.90		351.00			
	Shamarajapura (4th cross Rd)	2	180.00	0.90		324.00			
	Shamarajapura (6th cross Rd)	2	180.00	0.90		324.00			
	Shamarajapura (7th cross Rd)	2	195.00	0.90		351.00			
	BHEL Layout (Doddabettahalli) RHS	1	78.00	0.90		70.20			
	Jyothinagar RHS	1	105.00	0.90		94.50			
	Jyothinagar LHS	1	100.00	0.90		90.00			
	Lakshmi enclave RHS	1	55.00	0.90		49.50			
	Shamarajapura (5th cross Rd)	2	192.00	0.90		345.60			
	Adithya Nagar Near Vinayaka Hills	2	193.00	0.90		347.40			
	Subbu Bekary Road RHS	1	180.00	0.90		162.00			
	6th Cross Road SFS 407 RHS	1	208.00	0.90		187.20			
						5078.70			
	Deduct Missin/Damaged Slab Qty					521.54			
						4557.16	**Sqm**	**1941.22**	**8846450.14**
	Approved Rate		**1941.22**						
6	Removing and refixing stone slabs of drains and pointing in CM (1:3)								
	Sri Muneshwara Layout (1st Cross)	2	8.45	0.90		15.21			
	Sri Muneshwara Layout (3rd Cross)	2	19.55	0.90		35.19			
	Sri Muneshwara Layout (4th Cross)	2	22.70	0.90		40.86			
	Sri Muneshwara Layout (5th Cross)	2	9.75	0.90		17.55			
	Sri Muneshwara Layout (6th Cross) LHS	1	15.00	0.90		13.50			

tem	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Sri Muneshwara Layout (2nd A Cross)	2	54.40	0.90		97.92			
	Shamarajapura (1st cross Rd) RHS	1	27.60	0.90		24.84			
	Shamarajapura (2nd Cross) RHS	1	17.50	0.90		15.75			
	Shamarajapura (3rd cross Rd)	2	29.15	0.90		52.47			
	Shamarajapura (4th cross Rd) RHS	2	22.00	0.90		39.60			
	Shamarajapura (6th Cross)	2	26.00	0.90		46.80			
	Shamarajapura (7th Cross)	2	13.50	0.90		24.30			
	Jyothinagar	2	13.25	0.90		23.85			
						447.84	**Sqm**	**112.41**	**50343.04**
	Approved Rate		**112.41**						
7	KSRB 5-8.1 : Providing one line dressing to granite stone slab / granite stone masonry as per specifications.								
	Sri Muneshwara Layout (1st Cross)	2	8.45	0.90		15.21			
	Sri Muneshwara Layout (3rd Cross)	2	19.55	0.90		35.19			
	Sri Muneshwara Layout (4th Cross)	2	22.70	0.90		40.86			
	Sri Muneshwara Layout (5th Cross)	2	9.75	0.90		17.55			
	Sri Muneshwara Layout (6th Cross) LHS	1	15.00	0.90		13.50			
	Sri Muneshwara Layout (2nd A Cross)	2	54.40	0.90		97.92			
	Shamarajapura (1st cross Rd) RHS	1	27.60	0.90		24.84			
	Shamarajapura (2nd Cross) RHS	1	17.50	0.90		15.75			
	Shamarajapura (3rd cross Rd)	2	29.15	0.90		52.47			
	Shamarajapura (4th cross Rd) RHS	2	22.00	0.90		39.60			
	Shamarajapura (6th Cross)	2	26.00	0.90		46.80			
	Shamarajapura (7th Cross)	2	13.50	0.90		24.30			
	Jyothinagar	2	13.25	0.90		23.85			
						447.84	**Sqm**	**960.33**	**430073.38**
	Approved Rate		**960.33**						

tem	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
8	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.								
	Culvert Slab								
	Best county-II	2	7.00	1.20		16.80			
	Shamarajapura (1st cross Rd)	1	7.00	1.20		8.40			
	Shamarajapura (2nd cross Rd)	1	7.00	1.20		8.40			
	Shamarajapura (7th cross Rd)	1	7.00	1.20		8.40			
	Jyothinagar	1	7.00	1.20		8.40			
	Doddabettahalli , Near Sai Nagara	1	9.50	1.80		17.10			
		1	12.00	1.80		21.60			
		1	15.00	1.80		27.00			
						116.10	**Sqm**	**4530.86**	**526032.85**
	Approved Rate		**4530.86**						
9	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.								
	For Below Kerb Stone								
	G Ramayya Layout (Dhanush Enclave Oppo Road)	2	71.00	0.15	0.10	2.13			
	G Ramayya Layout (Kallam Kutira House Rd)	2	69.00	0.15	0.10	2.07			
	G Ramayya Layout (Fist Sub Road LHS)	1	76.60	0.15	0.10	1.15			
	Shamarajapura (1st cross Rd)	2	206.50	0.15	0.10	6.20			
	Shamarajapura (2nd cross Rd)	2	187.50	0.15	0.10	5.63			
	Shamarajapura (3rd cross Rd)	2	195.00	0.15	0.10	5.85			
	Shamarajapura (4th cross Rd)	2	180.00	0.15	0.10	5.40			
	Shamarajapura (5th cross Rd)	2	192.00	0.15	0.10	5.76			
	Shamarajapura (6th cross Rd)	2	180.00	0.15	0.10	5.40			
	Shamarajapura (7th cross Rd)	2	195.00	0.15	0.10	5.85			
	Adithya Nagar Near Vinayaka Hills	2	193.00	0.15	0.10	5.79			
	Subbu Bekary Road RHS	1	180.00	0.15	0.10	2.70			

tem	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	6th Cross Road SFS 407 RHS	1	208.00	0.15	0.10	3.12			
						57.04	**Cum**	**6089.85**	**347358.70**
	Approved Rate		**6089.85**						
10	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.								
	For Kerb Stone								
	G Ramayya Layout (Dhanush Enclave Oppo Road)	2	71.00			142.00			
	G Ramayya Layout (Kallam Kutira House Rd)	2	69.00			138.00			
	G Ramayya Layout (Fist Sub Road LHS)	1	76.60			76.60			
	Shamarajapura (1st cross Rd)	2	206.50			413.00			
	Shamarajapura (2nd cross Rd)	2	187.50			375.00			
	Shamarajapura (3rd cross Rd)	2	195.00			390.00			
	Shamarajapura (4th cross Rd)	2	180.00			360.00			
	Shamarajapura (5th cross Rd)	2	192.00			384.00			
	Shamarajapura (6th cross Rd)	2	180.00			360.00			
	Shamarajapura (7th cross Rd)	2	195.00			390.00			
	Adithya Nagar Near Vinayaka Hills	2	193.00			386.00			
	Subbu Bekary Road RHS	1	180.00			180.00			
	6th Cross Road SFS 407 RHS	1	208.00			208.00			
						3802.60	M		
						9506.50	**Nos**	**436.80**	**4152484.83**
	Approved Rate		**436.80**						
11	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per								
	For Kerb Paint								
	G Ramayya Layout (Dhanush Enclave Oppo Road)	2	71.00		0.30	42.60			
	G Ramayya Layout (Kallam Kutira House Rd)	2	69.00		0.30	41.40			

Item	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	G Ramayya Layout (Fist Sub Road LHS)	1	76.60		0.30	22.98			
	Shamarajapura (1st cross Rd)	2	206.50		0.30	123.90			
	Shamarajapura (2nd cross Rd)	2	187.50		0.30	112.50			
	Shamarajapura (3rd cross Rd)	2	195.00		0.30	117.00			
	Shamarajapura (4th cross Rd)	2	180.00		0.30	108.00			
	Shamarajapura (5th cross Rd)	2	192.00		0.30	115.20			
	Shamarajapura (6th cross Rd)	2	180.00		0.30	108.00			
	Shamarajapura (7th cross Rd)	2	195.00		0.30	117.00			
						908.58	**Sqm**	**85.65**	**77818.06**
	Approved Rate		**85.65**						
12	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1km and complete as per specifications.								
	For Asphalt Road								
	G Ramayya Layout (Main Road)	1	384.00	6.80	0.40	1044.48			
	G Ramayya Layout (Fist Sub Road LHS)	1	77.00	6.60	0.40	203.28			
	G Ramayya Layout (Dhanush Enclave Oppo Road)	1	74.00	5.30	0.40	156.88			
	G Ramayya Layout (Kallam Kutira House Rd)	1	69.00	6.90	0.40	190.44			
	G Ramayya Layout (1st Cross Rd)	1	128.00	6.40	0.40	327.68			
	G Ramayya Layout (2nd Cross Rd)	1	136.00	6.80	0.40	369.92			
	G Ramayya Layout (3rd Cross Rd)	1	125.00	6.90	0.40	345.00			
	G Ramayya Layout (4th Cross Rd)	1	156.00	5.90	0.40	368.16			
	G Ramayya Layout (4th A Cross Rd)	1	46.40	5.45	0.40	101.15			
	G Ramayya Layout (4th B Cross Rd)	1	25.00	5.55	0.40	55.50			
	Lakshmi enclave	1	63.20	6.50	0.40	164.32			
	Jyothi nagar	1	32.00	6.00	0.40	76.80			
		1	74.00	6.26	0.40	185.17			
	BHEL Layout 3rd main, (6th cross)	1	48.00	5.50	0.40	105.60			

Item	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Shamarajapura (1st cross Rd)	1	207.00	6.70	0.40	554.76			
	Shamarajapura (2nd cross Rd)	1	198.00	6.80	0.40	538.56			
	Shamarajapura (5th cross Rd)	1	198.00	6.60	0.40	522.72			
	Shamarajapura (7th cross Rd)	1	198.00	6.80	0.40	538.56			
	Shamarajapura 2nd Main Road , Kempegowda Road (Site No 283 To 309)	1	262.00	6.75	0.40	707.40			
	Ananthpura 3rd Cross	1	95.10	7.20	0.40	273.89			
	Mumma Roti Road	1	497.00	9.00	0.40	1789.20			
	Ramayya Layout (Mumma Roti) 1st Cross Road	1	52.00	6.20	0.40	128.96			
	Ramayya Layout (Mumma Roti) 2nd Cross Road	1	45.00	6.40	0.40	115.20			
	Ramayya Layout (Mumma Roti) 3rd Cross Road	1	31.00	6.00	0.40	74.40			
	BHEL Layout	1	62.00	6.70	0.40	166.16			
	BHEL (4th cross Road)	1	32.00	4.45	0.44	62.71			
	BHEL (Parallel Road)	1	58.00	4.50	0.40	104.40			
	Near 4th Phase, BBMP Park, United Residents Association	1	113.00	6.80	0.40	307.36			
						9578.66	**Cum**	**64.58**	**618583.99**
	Approved Rate		**64.58**						
13	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.								
	For Asphalt Road								
	G Ramayya Layout (Main Road)	1	384.00	6.80		2611.20			
	G Ramayya Layout (Fist Sub Road LHS)	1	77.00	6.60		508.20			
	G Ramayya Layout (Dhanush Enclave Oppo Road)	1	74.00	5.30		392.20			
	G Ramayya Layout (Kallam Kutira House Rd)	1	69.00	6.90		476.10			
	G Ramayya Layout (1st Cross Rd)	1	128.00	6.40		819.20			
	G Ramayya Layout (2nd Cross Rd)	1	136.00	6.80		924.80			

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	G Ramayya Layout (3rd Cross Rd)	1	125.00	6.90		862.50			
	G Ramayya Layout (4th Cross Rd)	1	156.00	5.90		920.40			
	G Ramayya Layout (4th A Cross Rd)	1	46.40	5.45		252.88			
	G Ramayya Layout (4th B Cross Rd)	1	25.00	5.55		138.75			
	Lakshmi enclave	1	63.20	6.50		410.80			
	Jyothi nagar	1	32.00	6.00		192.00			
		1	74.00	6.26		462.91			
	BHEL Layout 3rd main, (6th cross)	1	48.00	5.50		264.00			
	Shamarajapura (1st cross Rd)	1	207.00	6.70		1386.90			
	Shamarajapura (2nd cross Rd)	1	198.00	6.80		1346.40			
	Shamarajapura (5th cross Rd)	1	198.00	6.60		1306.80			
	Shamarajapura (7th cross Rd)	1	198.00	6.80		1346.40			
	Shamarajapura 2nd Main Road , Kempegowda Road (Site No 283 To 309)	1	262.00	6.75		1768.50			
	Ananthpura 3rd Cross	1	95.10	7.20		684.72			
	Mumma Roti Road	1	497.00	9.00		4473.00			
	Ramayya Layout (Mumma Roti) 1st Cross Road	1	52.00	6.20		322.40			
	Ramayya Layout (Mumma Roti) 2nd Cross Road	1	45.00	6.40		288.00			
	Ramayya Layout (Mumma Roti) 3rd Cross Road	1	31.00	6.00		186.00			
	BHEL Layout	1	62.00	6.70		415.40			
	BHEL (4th cross Road)	1	32.00	4.45		142.53			
	BHEL (Parallel Road)	1	58.00	4.50		261.00			
	Near 4th Phase, BBMP Park, United Residents Association	1	113.00	6.80		768.40			
						23932.39	**Sqm**	**6.42**	**153732.12**
	Approved Rate		**6.42**						
14	KSRRB M300-53. Construction of embankment with approved material Gravel /Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density.								

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
						0.00	Cum	347.95	0.00
	Approved Rate		347.95						
15	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications.								
	For Asphalt Road								
	G Ramayya Layout (Main Road)	1	384.00	6.80	0.15	391.68			
	G Ramayya Layout (Fist Sub Road LHS)	1	77.00	6.60	0.15	76.23			
	G Ramayya Layout (Dhanush Enclave Oppo Road)	1	74.00	5.30	0.15	58.83			
	G Ramayya Layout (Kallam Kutira House Rd)	1	69.00	6.90	0.15	71.42			
	G Ramayya Layout (1st Cross Rd)	1	128.00	6.40	0.15	122.88			
	G Ramayya Layout (2nd Cross Rd)	1	136.00	6.80	0.15	138.72			
	G Ramayya Layout (3rd Cross Rd)	1	125.00	6.90	0.15	129.38			
	G Ramayya Layout (4th Cross Rd)	1	156.00	5.90	0.15	138.06			
	G Ramayya Layout (4th A Cross Rd)	1	46.40	5.45	0.15	37.93			
	G Ramayya Layout (4th B Cross Rd)	1	25.00	5.55	0.15	20.81			
	Lakshmi enclave	1	63.20	6.50	0.15	61.62			
	Jyothi nagar	1	32.00	6.00	0.15	28.80			
		1	74.00	6.26	0.15	69.44			
	BHEL Layout 3rd main, (6th cross)	1	48.00	5.50	0.15	39.60			
	Shamarajapura (1st cross Rd)	1	207.00	6.70	0.15	208.04			
	Shamarajapura (2nd cross Rd)	1	198.00	6.80	0.15	201.96			
	Shamarajapura (5th cross Rd)	1	198.00	6.60	0.15	196.02			
	Shamarajapura (7th cross Rd)	1	198.00	6.80	0.15	201.96			
	Shamarajapura 2nd Main Road , Kempegowda Road (Site No 283 To 309)	1	262.00	6.75	0.15	265.28			
	Ananthpura 3rd Cross	1	95.10	7.20	0.15	102.71			
	Mumma Roti Road	1	497.00	9.00	0.15	670.95			

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ramayya Layout (Mumma Roti) 1st Cross Road	1	52.00	6.20	0.15	48.36			
	Ramayya Layout (Mumma Roti) 2nd Cross Road	1	45.00	6.40	0.15	43.20			
	Ramayya Layout (Mumma Roti) 3rd Cross Road	1	31.00	6.00	0.15	27.90			
	BHEL Layout	1	62.00	6.70	0.15	62.31			
	BHEL (4th cross Road)	1	32.00	4.45	0.15	21.38			
	BHEL (Parallel Road)	1	58.00	4.50	0.15	39.15			
	Near 4th Phase, BBMP Park, United Residents Association	1	113.00	6.80	0.15	115.26			
	For CC Road								
	Shree Vrutha Veeranjeneya Swamy Bus Stop	1	25.00	4.40	0.15	16.50			
	Doddabettahalli Temple (Hill Road)	1	85.00	10.50	0.15	133.88			
	Adithya Nagar Aishwarya Bekary Road (1st Cross)	1	41.90	5.00	0.15	31.43			
	Adithya Nagar (2nd Cross)	1	29.60	3.50	0.15	15.54			
	Adithya Nagar (3rd Cross)	1	34.00	3.90	0.15	19.89			
	Adithya Nagar Near Maramma Temple	1	55.00	3.40	0.15	28.05			
	Bharath Nagar 2nd Cross	1	115.40	4.70	0.15	81.36			
	Ananthpura Near People Tree Temple	1	90.70	6.40	0.15	87.07			
	Doddabettahalli (Varayan swamy Road)	1	40.00	4.50	0.15	27.00			
	Doddabettahalli (Chikkavenkataya Road)	1	25.00	4.50	0.15	16.88			
	Doddabettahalli (Suresh gowda Road)	1	110.00	4.80	0.15	79.20			
	Doddabettahalli Ramanna Garden (sudha House)	1	40.00	5.00	0.15	30.00			
	Arround the Doddabettahalli Temple	1	126.70	12.20	0.15	231.86			
	Jyothinagar (1st Cross)	1	30.00	2.63	0.15	11.84			
						4400.34	Cum	2014.87	8866107.24
	Approved Rate		**2014.87**						

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
16	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.								
	For Asphalt Road								
	G Ramayya Layout (Main Road)	1	384.00	6.80	0.20	522.24			
	G Ramayya Layout (Fist Sub Road LHS)	1	77.00	6.60	0.20	101.64			
	G Ramayya Layout (Dhanush Enclave Oppo Road)	1	74.00	5.30	0.20	78.44			
	G Ramayya Layout (Kallam Kutira House Rd)	1	69.00	6.90	0.20	95.22			
	G Ramayya Layout (1st Cross Rd)	1	128.00	6.40	0.20	163.84			
	G Ramayya Layout (2nd Cross Rd)	1	136.00	6.80	0.20	184.96			
	G Ramayya Layout (3rd Cross Rd)	1	125.00	6.90	0.20	172.50			
	G Ramayya Layout (4th Cross Rd)	1	156.00	5.90	0.20	184.08			
	G Ramayya Layout (4th A Cross Rd)	1	46.40	5.45	0.20	50.58			
	G Ramayya Layout (4th B Cross Rd)	1	25.00	5.55	0.20	27.75			
	Lakshmi enclave	1	63.20	6.50	0.20	82.16			
	Jyothi nagar	1	32.00	6.00	0.20	38.40			
		1	74.00	6.26	0.20	92.58			
	BHEL Layout 3rd main, (6th cross)	1	48.00	5.50	0.20	52.80			
	Shamarajapura (1st cross Rd)	1	207.00	6.70	0.20	277.38			
	Shamarajapura (2nd cross Rd)	1	198.00	6.80	0.20	269.28			
	Shamarajapura (5th cross Rd)	1	198.00	6.60	0.20	261.36			
	Shamarajapura (7th cross Rd)	1	198.00	6.80	0.20	269.28			
	Shamarajapura 2nd Main Road , Kempegowda Road (Site No 283 To 309)	1	262.00	6.75	0.20	353.70			
	Ananthpura 3rd Cross	1	95.10	7.20	0.20	136.94			
	Mumma Roti Road	1	497.00	9.00	0.20	894.60			
	Ramayya Layout (Mumma Roti) 1st Cross Road	1	52.00	6.20	0.20	64.48			

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ramayya Layout (Mumma Roti) 2nd Cross Road	1	45.00	6.40	0.20	57.60			
	Ramayya Layout (Mumma Roti) 3rd Cross Road	1	31.00	6.00	0.20	37.20			
	BHEL Layout	1	62.00	6.70	0.20	83.08			
	BHEL (4th cross Road)	1	32.00	4.45	0.20	28.51			
	BHEL (Parallel Road)	1	58.00	4.50	0.15	38.89			
	Near 4th Phase, BBMP Park, United Residents Association	1	113.00	6.80	0.20	153.68			
	Approved Rate		**2021.29**			**4773.17**	**Cum**	**2021.29**	**9647969.06**
17	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specification.								
	For Asphalt Road								
	G Ramayya Layout (Main Road)	1	383.50	6.80		2607.80			
	G Ramayya Layout (Fist Sub Road LHS)	1	76.60	6.60		505.56			
	G Ramayya Layout (Dhanush Enclave Oppo Road)	1	74.00	5.30		392.20			
	G Ramayya Layout (Kallam Kutira House Rd)	1	69.00	6.90		476.10			
	G Ramayya Layout (1st Cross Rd)	1	128.00	6.40		819.20			
	G Ramayya Layout (2nd Cross Rd)	1	135.40	6.80		920.72			
	G Ramayya Layout (3rd Cross Rd)	1	124.50	6.90		859.05			
	G Ramayya Layout (4th Cross Rd)	1	156.00	5.90		920.40			
	G Ramayya Layout (4th A Cross Rd)	1	46.40	5.45		252.88			
	G Ramayya Layout (4th B Cross Rd)	1	25.00	5.55		138.75			
	Lakshmi enclave	1	63.20	6.50		410.80			
	Jyothi nagar	1	32.00	6.00		192.00			
		1	56.00	6.26		350.31			
	Shamarajapura (1st cross Rd)	1	207.00	6.70		1386.90			
	Shamarajapura (2nd cross Rd)	1	198.00	6.80		1346.40			
	Shamarajapura (5th cross Rd)	1	198.00	6.60		1306.80			

tem No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Shamarajapura (7th cross Rd)	1	198.00	6.80		1346.40			
	Shamarajapura 2nd Main Road , Kempegowda Road (Site No 283 To 309)	1	262.00	6.75		1768.50			
	Ananthpura 3rd Cross	1	95.10	7.20		684.72			
	Mumma Roti Road	1	497.00	9.00		4473.00			
	Ramayya Layout (Mumma Roti) 1st Cross Road	1	52.00	6.20		322.40			
	Ramayya Layout (Mumma Roti) 2nd Cross Road	1	45.00	6.40		288.00			
	Ramayya Layout (Mumma Roti) 3rd Cross Road	1	31.00	6.00		186.00			
	BHEL Layout	1	62.00	6.70		415.40			
	BHEL (4th cross Road)	1	32.00	4.45		142.53			
	BHEL (Parallel Road)	1	58.00	4.50		261.00			
	Near 4th Phase, BBMP Park, United Residents Association	1	113.00	6.80		780.69			
						23554.52	**Sqm**	**34.26**	**806958.87**
	Approved Rate		**34.26**						
18	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen.								
	For Asphalt Road								
	G Ramayya Layout (Main Road)	1	383.50	6.80	0.05	130.39			
	G Ramayya Layout (Fist Sub Road LHS)	1	76.60	6.60	0.05	25.28			
	G Ramayya Layout (Dhanush Enclave Oppo Road)	1	74.00	5.30	0.05	19.61			
	G Ramayya Layout (Kallam Kutira House Rd)	1	69.00	6.90	0.05	23.81			
	G Ramayya Layout (1st Cross Rd)	1	128.00	6.40	0.05	40.96			
	G Ramayya Layout (2nd Cross Rd)	1	135.40	6.80	0.05	46.04			
	G Ramayya Layout (3rd Cross Rd)	1	124.50	6.90	0.05	42.95			

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	G Ramayya Layout (4th Cross Rd)	1	156.00	5.90	0.05	46.02			
	G Ramayya Layout (4th A Cross Rd)	1	46.40	5.45	0.05	12.64			
	G Ramayya Layout (4th B Cross Rd)	1	25.00	5.55	0.05	6.94			
	Lakshmi enclave	1	63.20	6.50	0.05	20.54			
	Jyothi nagar	1	32.00	6.00	0.05	9.60			
		1	56.00	6.26	0.05	17.52			
	Shamarajapura (1st cross Rd)	1	207.00	6.70	0.05	69.35			
	Shamarajapura (2nd cross Rd)	1	198.00	6.80	0.05	67.32			
	Shamarajapura (5th cross Rd)	1	198.00	6.60	0.05	65.34			
	Shamarajapura (7th cross Rd)	1	198.00	6.80	0.05	67.32			
	Shamarajapura 2nd Main Road , Kempegowda Road (Site No 283 To 309)	1	262.00	6.75	0.05	88.43			
	Ananthpura 3rd Cross	1	95.10	7.20	0.05	34.24			
	Mumma Roti Road	1	497.00	9.00	0.05	223.65			
	Ramayya Layout (Mumma Roti) 1st Cross Road	1	52.00	6.20	0.05	16.12			
	Ramayya Layout (Mumma Roti) 2nd Cross Road	1	45.00	6.40	0.05	14.40			
	Ramayya Layout (Mumma Roti) 3rd Cross Road	1	31.00	6.00	0.05	9.30			
	BHEL Layout	1	62.00	6.70	0.05	20.77			
	BHEL (4th cross Road)	1	32.00	4.45	0.05	7.13			
	BHEL (Parallel Road)	1	58.00	4.50	0.05	13.05			
	Near 4th Phase, BBMP Park, United Residents Association	1	113.00	6.80	0.05	39.03			
						1177.73	**Cum**	**7365.73**	**8674807.90**
	Approved Rate		**7365.73**						
19	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.								
	For Asphalt Road								
	G Ramayya Layout (Main Road)	1	383.50	6.80		2607.80			
	G Ramayya Layout (Fist Sub Road LHS)	1	76.60	6.60		505.56			

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
G Ramayya Layout (Dhanush Enclave Oppo Road)	1	74.00	5.30		392.20			
G Ramayya Layout (Kallam Kutira House Rd)	1	69.00	6.90		476.10			
G Ramayya Layout (1st Cross Rd)	1	128.00	6.40		819.20			
G Ramayya Layout (2nd Cross Rd)	1	135.40	6.80		920.72			
G Ramayya Layout (3rd Cross Rd)	1	124.50	6.90		859.05			
G Ramayya Layout (4th Cross Rd)	1	156.00	5.90		920.40			
G Ramayya Layout (4th A Cross Rd)	1	46.40	5.45		252.88			
G Ramayya Layout (4th B Cross Rd)	1	25.00	5.55		138.75			
Lakshmi enclave	1	63.20	6.50		410.80			
Jyothi nagar	1	32.00	6.00		192.00			
	1	56.00	6.26		350.31			
Shamarajapura (1st cross Rd)	1	207.00	6.70		1386.90			
Shamarajapura (2nd cross Rd)	1	198.00	6.80		1346.40			
Shamarajapura (5th cross Rd)	1	198.00	6.60		1306.80			
Shamarajapura (7th cross Rd)	1	198.00	6.80		1346.40			
Shamarajapura 2nd Main Road , Kempegowda Road (Site No 283 To 309)	1	262.00	6.75		1768.50			
Ananthpura 3rd Cross	1	95.10	7.20		684.72			
Mumma Roti Road	1	497.00	9.00		4473.00			
Ramayya Layout (Mumma Roti) 1st Cross Road	1	52.00	6.20		322.40			
Ramayya Layout (Mumma Roti) 2nd Cross Road	1	45.00	6.40		288.00			
Ramayya Layout (Mumma Roti) 3rd Cross Road	1	31.00	6.00		186.00			
BHEL Layout	1	62.00	6.70		415.40			
BHEL (4th cross Road)	1	32.00	4.45		142.53			
BHEL (Parallel Road)	1	58.00	4.50		261.00			
Near 4th Phase, BBMP Park, United Residents Association	1	113.00	6.80		780.69			
					23554.52	**Sqm**	**12.85**	**302609.58**

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Approved Rate		**12.85**						
KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen.								
For Asphalt Road								
G Ramayya Layout (Main Road)	1	383.50	6.80	0.04	104.31			
G Ramayya Layout (Fist Sub Road LHS)	1	76.60	6.60	0.04	20.22			
G Ramayya Layout (Dhanush Enclave Oppo Road)	1	74.00	5.30	0.04	15.69			
G Ramayya Layout (Kallam Kutira House Rd)	1	69.00	6.90	0.04	19.04			
G Ramayya Layout (1st Cross Rd)	1	128.00	6.40	0.04	32.77			
G Ramayya Layout (2nd Cross Rd)	1	135.40	6.80	0.04	36.83			
G Ramayya Layout (3rd Cross Rd)	1	124.50	6.90	0.04	34.36			
G Ramayya Layout (4th Cross Rd)	1	156.00	5.90	0.04	36.82			
G Ramayya Layout (4th A Cross Rd)	1	46.40	5.45	0.04	10.12			
G Ramayya Layout (4th B Cross Rd)	1	25.00	5.55	0.04	5.55			
Lakshmi enclave	1	63.20	6.50	0.04	16.43			
Jyothi nagar	1	32.00	6.00	0.04	7.68			
	1	56.00	6.26	0.04	14.01			
Shamarajapura (1st cross Rd)	1	207.00	6.70	0.04	55.48			
Shamarajapura (2nd cross Rd)	1	198.00	6.80	0.04	53.86			
Shamarajapura (5th cross Rd)	1	198.00	6.60	0.04	52.27			
Shamarajapura (7th cross Rd)	1	198.00	6.80	0.04	53.86			
Shamarajapura 2nd Main Road , Kempegowda Road (Site No 283 To 309)	1	262.00	6.75	0.04	70.74			
Ananthpura 3rd Cross	1	95.10	7.20	0.04	27.39			
Mumma Roti Road	1	497.00	9.00	0.04	178.92			

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Ramayya Layout (Mumma Roti) 1st Cross Road	1	52.00	6.20	0.04	12.90			
Ramayya Layout (Mumma Roti) 2nd Cross Road	1	45.00	6.40	0.04	11.52			
Ramayya Layout (Mumma Roti) 3rd Cross Road	1	31.00	6.00	0.04	7.44			
BHEL Layout	1	62.00	6.70	0.04	16.62			
BHEL (4th cross Road)	1	32.00	4.45	0.04	5.70			
BHEL (Parallel Road)	1	58.00	4.50	0.04	10.44			
Near 4th Phase, BBMP Park, United Residents Association	1	113.00	6.80	0.04	31.23			
					942.18	**Cum**	**8534.82**	**8041345.18**
Approved Rate		**8534.82**						
KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.								
For Asphalt Road								
G Ramayya Layout (Main Road)	2	383.50	0.10		76.70			
G Ramayya Layout (Fist Sub Road LHS)	2	76.60	0.10		15.32			
G Ramayya Layout (Dhanush Enclave Oppo Road)	2	74.00	0.10		14.80			
G Ramayya Layout (Kallam Kutira House Rd)	2	69.00	0.10		13.80			
G Ramayya Layout (1st Cross Rd)	2	128.00	0.10		25.60			
G Ramayya Layout (2nd Cross Rd)	2	135.40	0.10		27.08			
G Ramayya Layout (3rd Cross Rd)	2	124.50	0.10		24.90			
G Ramayya Layout (4th Cross Rd)	2	156.00	0.10		31.20			
G Ramayya Layout (4th A Cross Rd)	2	46.40	0.10		9.28			
G Ramayya Layout (4th B Cross Rd)	2	25.00	0.10		5.00			
Lakshmi enclave	2	63.20	0.10		12.64			
Jyothi nagar	2	32.00	0.10		6.40			
	2	56.00	0.10		11.20			

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Shamarajapura (1st cross Rd)	2	207.00	0.10		41.40			
Shamarajapura (2nd cross Rd)	2	198.00	0.10		39.60			
Shamarajapura (5th cross Rd)	2	198.00	0.10		39.60			
Shamarajapura (7th cross Rd)	2	198.00	0.10		39.60			
Shamarajapura 2nd Main Road , Kempegowda Road (Site No 283 To 309)	2	262.00	0.10		52.40			
Ananthpura 3rd Cross	2	95.10	0.10		19.02			
Mumma Roti Road	2	497.00	0.10		99.40			
Ramayya Layout (Mumma Roti) 1st Cross Road	2	52.00	0.10		10.40			
Ramayya Layout (Mumma Roti) 2nd Cross Road	2	45.00	0.10		9.00			
Ramayya Layout (Mumma Roti) 3rd Cross Road	2	31.00	0.10		6.20			
BHEL Layout	2	62.00	0.10		12.40			
BHEL (4th cross Road)	2	32.00	0.10		6.40			
BHEL (Parallel Road)	2	58.00	0.10		11.60			
Near 4th Phase, BBMP Park, United Residents Association	2	113.00	0.10		22.60			
					683.54	**Sqm**	**459.29**	**313941.31**
Approved Rate		**459.29**						

KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer.

					0.00	**Nos**	**360.79**	**0.00**
Approved Rate		**360.79**						

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1km and complete as per specifications.								
For CC Road								
Shree Vrutha Veeranjeneya Swamy Bus Stop	1	25.00	4.40	0.20	22.00			
Doddabettahalli Temple (Hill Road)	1	85.00	10.50	0.20	178.50			
Adithya Nagar Aishwarya Bekary Road (1st Cross)	1	41.90	5.00	0.20	41.90			
Adithya Nagar (2nd Cross)	1	29.60	3.50	0.20	20.72			
Adithya Nagar (3rd Cross)	1	34.00	3.90	0.20	26.52			
Adithya Nagar Near Maramma Temple	1	55.00	3.40	0.20	37.40			
Bharath Nagar 2nd Cross	1	115.40	4.70	0.20	108.48			
Ananthpura Near People Tree Temple	1	90.70	6.40	0.20	116.10			
Doddabettahalli (Varayan swamy Road)	1	40.00	4.50	0.20	36.00			
Doddabettahalli (Chikkavenkataya Road)	1	25.00	4.50	0.20	22.50			
Doddabettahalli (Suresh gowda Road)	1	110.00	4.80	0.20	105.60			
Doddabettahalli Ramanna Garden (sudha House)	1	40.00	5.00	0.20	40.00			
Arround the Doddabettahalli Temple	1	126.70	12.20	0.20	309.15			
Jyothinagar (1st Cross)	1	30.00	2.63	0.20	15.78			
					1080.64	**Cum**	**63.94**	**69096.12**
Approved Rate		**63.94**						
KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications.								
For CC Road								
Shree Vrutha Veeranjeneya Swamy Bus Stop	1	25.00	4.40	0.15	16.50			
Doddabettahalli Temple (Hill Road)	1	85.00	10.50	0.15	133.88			

	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Adithya Nagar Aishwarya Bekary Road (1st Cross)	1	41.90	5.00	0.15	31.43			
	Adithya Nagar (2nd Cross)	1	29.60	3.50	0.15	15.54			
	Adithya Nagar (3rd Cross)	1	34.00	3.90	0.15	19.89			
	Adithya Nagar Near Maramma Temple	1	55.00	3.40	0.15	28.05			
	Bharath Nagar 2nd Cross	1	115.40	4.70	0.15	81.36			
	Ananthpura Near People Tree Temple	1	90.70	6.40	0.15	87.07			
	Doddabettahalli (Varayan swamy Road)	1	40.00	4.50	0.15	27.00			
	Doddabettahalli (Chikkavenkataya Road)	1	25.00	4.50	0.15	16.88			
	Doddabettahalli (Suresh gowda Road)	1	110.00	4.80	0.15	79.20			
	Doddabettahalli Ramanna Garden (sudha House)	1	40.00	5.00	0.15	30.00			
	Arround the Doddabettahalli Temple	1	126.70	12.20	0.15	231.86			
	Jyothinagar (1st Cross)	1	30.00	2.63	0.15	11.84			
						810.48	**Cum**	**5619.79**	**4554727.40**
	Approved Rate		**5619.79**						
	Cement concrete pavement Construction of un-reinforced plain cement concrete pavement,Thickness as per design, over a prepared sub base with 53 grade cement or any other type as per clause 1501.2.2 M30 (Grade) coarse and fine aggregate confirming to IS: 383 Maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weight batcher as per approved mix design laid in approved fixed of 125 micron thick polythene film, wedges steel plates including levelling the form work as per drawing) spreading the concrete with shovels rackers compacted using needle screed and plate vibrator and finished in a continuous operation including provision of construction joints primer joint sealant curring of concrete slabs for 14 days and wateri finishing to lines and grade as per drawing and technical specification clause 1501 with all lead lifts loading & unloading charges cost and conveyance of all materials (P.No-176,I No-22.61)								
	For CC Road								
	Shree Vrutha Veeranjeneya Swamy Bus Stop	1	25.00	4.40	0.15	16.50			
	Doddabettahalli Temple (Hill Road)	1	85.00	10.50	0.15	133.88			
	Adithya Nagar Aishwarya Bekary Road (1st Cross)	1	41.90	5.00	0.15	31.43			

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Adithya Nagar (2nd Cross)	1	29.60	3.50	0.15	15.54			
Adithya Nagar (3rd Cross)	1	34.00	3.90	0.15	19.89			
Adithya Nagar Near Maramma Temple	1	55.00	3.40	0.15	28.05			
Bharath Nagar 2nd Cross	1	115.40	4.70	0.15	81.36			
Ananthpura Near People Tree Temple	1	90.70	6.40	0.15	87.07			
Doddabettahalli (Varayan swamy Road)	1	40.00	4.50	0.15	27.00			
Doddabettahalli (Chikkavenkataya Road)	1	25.00	4.50	0.15	16.88			
Doddabettahalli (Suresh gowda Road)	1	110.00	4.80	0.15	79.20			
Doddabettahalli Ramanna Garden (sudha House)	1	40.00	5.00	0.15	30.00			
Arround the Doddabettahalli Temple	1	126.70	12.20	0.15	231.86			
Jyothinagar (1st Cross)	1	30.00	2.63	0.15	11.84			
					810.48	Cum	5325.64	4316324.71
Approved Rate		5325.64						
							Total Construction Cost	88372796.52

Assistant Engineer
Ward-03

Asst. Executive Engineer
Yelahanka Sub Division

Executive Engineer
Yelahanka Division

Technical Sanction
Accorded For Rs 88372796.52
Head of A/C. 3853
CER NO :02 Dt. 06.05.12

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